

FORM PTO-1390  
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

10404/21

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/582624

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO

PCT/JP2004/018004

INTERNATIONAL FILING DATE

12 March 2004

PRIORITY DATE CLAIMED:

12 December 2003

TITLE OF INVENTION

**HIGH STRENGTH POLYETHYLENE FIBER**

APPLICANT(S) FOR DO/EO/US

SAKAMOTO, Godo; KITAGAWA, Tooru; OHTA, Yasuo; FUKUSHIMA, Yasunori; MURASE, Hiroki

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **International Search Report, cover sheet of published PCT application**

AP2 Rec'd PCT/PTO 12 JUN 2005

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/582624</div>	INTERNATIONAL APPLICATION NO. PCT/JP2004/018004	ATTORNEY'S DOCKET NUMBER 10404/21
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21. The following fees are submitted:					
Basic National Fee		\$ 300.00	\$ 300.00		
22 Examination Fee					
If International preliminary examination report prepared by					
USPTO and all claims satisfy provisions of PCT		\$ 100.00			
Article 33(1)-(4).....		\$ 200.00	\$ 200.00		
All other situations .....					
23. Search Fee					
Search fee (37 CFR 1.445(a)(2) has been paid on the					
international application to the USPTO as an International		\$ 100.00			
Searching Authority .....					
.....		\$ 400.00	\$ 400.00		
International Search Report prepared and provided to the		\$ 500.00			
Office.....					
All other situations .....					
<b>TOTAL OF ABOVE CALCULATIONS</b>			\$ 900.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing on computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
38	0/50=0	0	x \$250	\$ -0-	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	9 -20 =	0	x \$50.00	\$ -0-	
Independent Claims	1- 3 =	0	x \$200.00	\$ -0-	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ -0-	
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$ 900.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ -0-	
<b>SUBTOTAL</b>				\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ -0-	
<b>TOTAL NATIONAL FEE</b>				\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property+				\$ 40.00	
<b>TOTAL FEES ENCLOSED</b>				\$ 940.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$

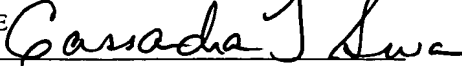
a. A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. Please charge my Deposit Account No. 11-0600 in the amount of \$940.00 to over the above fees.  
A duplicate copy of this sheet is enclosed.

c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-0600. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:  
 KENYON & KENYON LLP  
 1500 K Street, N.W., Suite 700  
 Washington, DC 20005  
**CUSTOMER NO. 23838**

SIGNATURE   
 NAME: Cassandra T. Swain, Ph.D. (Reg. No. 48,361)  
 DATE: 12 June 2006